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2000 Weather Crop 22

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Week Ending August 27, 2000

Some Area Relief from Dry Weather

Middle and East Tennessee received some much-needed rainfall last week, but some areas of the State remain very dry with crops under moderate to severe moisture stress. Harvest for early corn is going full speed ahead with yields reported from average to very good. Besides corn harvest, the main farm activity last week was topping and harvesting tobacco, scouting for insects and spraying. Early May full season soybeans are maturing rapidly under these dry and hot conditions while double-crop beans are still blooming and setting pods. Cotton defoliation is underway, especially in Southwest Tennessee, leading to the promise of significant harvest activity in the next ten days. Pastures remain a mixed bag with some in good shape while others struggle due to lack of rain. Some producers are anticipating a third cutting while others are already feeding hay. Ponds and creeks in some areas have been reported to be drying up while others report ponds being full. There were 6 days considered suitable for field work during this past week. As of Friday, topsoil moisture levels were rated 23 percent very short, 47 percent short, and 30 percent adequate. Subsoil moisture levels were rated 28 percent very short, 45 percent short, and 27 percent adequate.

CROP PROGRESS: Through August 27, 2000					CROP CONDITION: On August 25, 2000					
Crop	This Week	Last Week	1999	Five Year Avg.	Crop	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Dent	85	74	95	88	Corn	6	11	24	38	21
Corn - Mature	50	31	64	46	Soybeans	4	20	33	37	6
Corn - Grain Harvested	15	N/A	20	8	Cotton	0	8	34	53	5
Corn Silage - Harvested	68	57	67	54	Pastures	11	28	35	23	3
Soybeans - Setting Pods	80	73	84	75	Tobacco	3	8	24	51	14
Soybeans - Dropping Leaves	5	N/A	8	3						
Cotton - Bolls Opening	28	11	39	17						
Tobacco - Topped	91	85	93	84						
Burley - Harvested	44	34	48	36						
Dark Air - Harvested	51	33	60	50						
Dark Fire - Harvested	45	30	54	43						

CORN: Overall, the corn crop remains rated in mostly good condition. With over half the crop mature, growers are concentrating on harvest. Early harvest is going well; however, uneven maturity has been a nagging problem. Silage harvest was delayed slightly in East Tennessee because of rainfall, but remains on schedule.

SOYBEANS: Early beans have good yield potential but still need another good shower. The double crop beans in most area of East, Northeast, West Tennessee and Middle Tennessee received critical rainfall that should boost yield potential. In general, the State rated condition of soybeans diminished slightly but remains in mostly good condition. About a quarter of the crop as of Friday was rated in very poor to poor condition which signifies the possibility of heavy or extreme loss of yield potential due to dry conditions. Conversely, with 43 percent in the good to excellent condition, expectations for this portion of the crop are to have normal to much better than average yields.

TOBACCO: Harvest remains on track despite the rainfall. This last week’s rain should help recently topped tobacco put on weight. The tobacco crop is rated in mostly good condition.

COTTON: Defoliation and the application of growth regulators are the main activities. Bolls are now opening in earnest. The first bale has been ginned! The cotton crop is in mostly good condition.

PASTURES & HAY: Pastures remain good in some counties while other counties have near critically dry conditions. Most hay cuttings have been completed. Armyworms and grasshoppers are feeding and spraying is in progress.

TEMPERATURES AND PRECIPITATION For week ending: 08/27/00 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending 08/27/00				Current Week	Rain	Current Since	Departure From	Since April 1	
	HI	LO	AVG	DFN	08/27/00	Days	April 1	Normal	Total	DFN
Ames_Plantation	98	63	81	+5	0.14	1	17.54	-3.54	2092	+144
Bristol	84	56	70	-4	2.13	4	20.13	+2.37	1389	+51
Brownsville_TN	99	65	81	+4	0.00	0	16.25	-4.87	2151	+422
Chattanooga	94	62	78	+1	0.92	1	21.47	+1.42	2177	+338
Clarksville_Sew	95	64	78	+3	1.75	3	23.96	+3.85	2044	+304
Cookeville	87	56	73	-2	0.38	3	23.01	-0.23	1568	+473
Covington	98	64	81	+5	0.03	1	18.95	-1.33	2172	+182
Crossville_AP	82	57	71	-1	0.70	4	24.22	+1.51	1446	+203
Dickson_AG	95	59	77	+2	0.56	3	19.31	-2.62	1708	-110
Dover_1W	96	62	77	+3	0.85	5	22.58	+1.52	1809	+264
Dyersburg	97	64	80	+3	0.29	3	19.49	-1.04	2099	-14
Erwin_1W	83	56	70	+0	1.36	4	23.31	+0.56	1375	-219
Huntingdon_Wate	96	60	76	+1	0.90	4	19.76	-1.39	1593	-57
Jackson_AG	97	64	80	+4	0.08	2	17.67	-3.65	2026	+127
Kingston_AG	88	61	74	+1	0.32	3	21.55	-1.98	1814	+379
Knoxville_AP	88	61	74	-2	0.20	2	23.28	+4.09	1820	+220
Lewisburg	97	51	75	+1	0.03	1	18.56	-3.58	1686	+70
Lexington_TN	97	65	80	+4	0.00	0	19.34	-1.28	1990	+814
Linden	97	58	78	+4	0.57	2	17.69	-4.54	1789	+167
Martin	99	64	79	+4	0.78	5	20.65	-1.32	1970	+143
Mc_Minnville_Tn	90	57	75	-1	1.80	2	21.06	-0.40	1749	-269
Memphis_AG	99	67	83	+4	0.00	0	15.60	-5.10	2228	-124
Milan	98	57	78	+3	0.62	4	16.33	-5.95	1707	-76
Murfreesboro_5N	95	61	76	+0	0.62	2	22.03	+0.27	1752	-251
Nashville	95	64	78	+2	0.89	3	19.44	-0.32	2063	+158
Newcomb	85	58	72	+0	0.33	1	21.57	-1.70	1436	+265
Oneida	85	56	71	-1	0.23	2	21.64	-1.63	1338	-371
Pikeville	90	58	74	-2	0.98	1	16.98	-3.65	1715	+139
Portland_TN	89	62	75	+2	1.54	2	21.17	-0.31	1788	+210
Pulaski_Water_P	95	60	77	-1	0.27	1	22.69	+1.51	1851	-52
Savannah_6SW	100	62	81	+4	1.32	1	17.77	-4.58	2234	+559
Sparta_TN	87	55	73	-2	1.26	2	27.22	+4.73	1696	+332
Springfield	94	57	75	+0	0.57	2	20.22	-0.27	1700	+109
Springhill	98	58	77	+2	0.39	2	18.69	-3.63	1889	+275
Union_City	96	64	79	+4	0.83	5	19.57	-1.58	1826	+50

DFN = Departure From Normal (Using 1961-90 Normals Period).
 Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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